



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/726,812	12/02/2003	Qiming Zhu	019680-007800US	4116
20350 7590 05/21/2007 TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834			EXAMINER THOMAS, SHANE M	
			ART UNIT 2186	PAPER NUMBER
			MAIL DATE 05/21/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary

Application No.

10/726,812

Applicant(s)

ZHU, QIMING

Examiner

Shane M. Thomas

Art Unit

2186

All participants (applicant, applicant's representative, PTO personnel):

(1) Shane M. Thomas.

(3) _____.

(2) David Raczkowski (Reg. No. 52,145).

(4) _____.

Date of Interview: 11 May 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 1 and 15.

Identification of prior art discussed: Chatterjee et al. (U.S. Patent Application Publication No. 2004/0024962) and Lu (U.S. Patent Application Publication No. 2004/0073747).


Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant initiated interview in order to discuss potential amendments to the claims to overcome the prior art references to claims 1 and 15. Applicant discussed the possibility of adding a limitation to claim 1 that states that each physical device object is attached to each functional device object. The Examiner agreed that such an amendment would overcome the present rejection of claim 1 as neither Chatterjee nor Lu teach such a limitation. Specifically, Chatterjee shows in figure 5 each physical device object only being connected to at most one functional device object. With regards to claim 15, the Applicant proposed clarifying the claim to state that the RAID controller induces a processor on another integrated circuit to load the RAID class driver. The Examiner determined that based on his previous interpretation of the Lu reference, that such a proposed amendment would not be taught by Lu as Lu only shows one cpu on an integrated circuit in figure 1. Examiner would like to note that the proposed subject matter of the amendments to the claims was not checked in light of the originally-filed specification for any written description (new matter) issues; therefore, should any proposed amendments be made in a forth-coming amendment, the subject matter therein must conform with 35 U.S.C. §112, first paragraph.